

**Water Use Efficiency Issues Matrices**

**7/13/98**

	Water Use Efficiency Issues	When				Type		Workplan Efforts	Agency Participants
		Pref. Alt.	Final	Phase III		Elevate	Decision		
1.	There is a concern that there is no real environmental water use efficiency program. (new) (CDFA)	✓	✓				✓	An interagency coordinated program involving USBR, USFWS, and DFG has been working on a program for optimum water use on refuges. CALFED will become involved in this effort. (See also 6/4/98 Policy Group packet.)	Steve Shaffer Rick Soehren Mike Fris Liz Howard
2.	There is some question about whether an environmental water use efficiency program should apply solely to diversions (to refuges) or also to instream flows. (new) (CDFA)	✓	✓				✓	Extensive Effort in ERPP to identify and support flow needs. See #2 ERP Matrix.	?
3.	CALFED's policy approach for the Water Use Efficiency Program should be approached technically or as a combination of both technical and policy. One of the weakest areas in conservation today is the lack of adequate data and analytical review to evaluate what conservation can and cannot do, and accurate quantification of potential water savings and their costs due to conservation. (#11 on 7/2 Matrix) (New DWR)	✓					✓	Several agency and stakeholder concerns might be resolved with an additional WUE action: expanded CALFED agency efforts to gather data on water use efficiency measures, monitor results, and conduct focused research. Expert panel?	WUE Workgroup.
4.	Water conservation amounts in Bulletin 160 and CALFED's No Action Alternative appear to differ. (New) (DWR) (#12 on 7/2 Matrix)	✓				✓		DWR/Cowin producing draft for ART by 7/13.	
5.	EPA and others question water use efficiency technical appendix assumptions about water savings resulting from water conservation measures. (New) (EPA).		✓					Establish team of experts to investigate current assumptions. (See #2 in ART Revision Team Report to Management Team 6/25/98)	

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6.	The program include a strong component of agricultural land conversion, to reduce water diversions or reduce and delay the need for storage facilities. (#1 on 6/2 Matrix, #3 on 7/2 Matrix)	✓	✓				✓	See #6 Storage Matrix.	
7.	The analysis of alternatives should compare the effectiveness and cost of implementing demand management measures-- including reclamation, conservation, pricing, and land retirement/fallowing-- with the effectiveness and cost of new storage facilities. (subdivided and reworded) (#1, on 6/2 Matrix, #6 on 7/2 Matrix).		✓	✓		✓		Economic analysis will examine alternatives to meet demand, including new supply, transfers, conservation, and recycling. Two-part effort: short term study, longer term effort. (See #6 Storage Matrix).	Yale/EPA Hoagland/DWR Hoffman/USBR
8.	The program needs to further develop actions for conservation implementation that includes measures that are cost-effective from a statewide perspective but not from the local perspective; an open and active water market will do this, but only in areas where conserved water may be transferred. (#2 on 6/2 Matrix, #5 on 7/2 Matrix).		✓				✓	Develop program to implement water use efficiency for multiple benefits. Program planning is just being initiated.	Dunne, Wernette/DFG Shaffer/CDFA Backlund/NRCS _____/EPA
9.	There is some disagreement over the current program approach, which emphasizes incentives and markets more than a regulatory framework. There is also a reluctance among the CALFED agencies to be the entity that certifies, endorses, or enforces. (#3 on 6/2 Matrix, #7 on 7/2 Matrix)	✓			✓	✓		Proposed for elevation then withdrawn.	Penny Howard/USBR
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10.	The Program must build stronger consensus among stakeholders that the CUWCC and the Agricultural Water Management Council are appropriate and effective entities for assuring water use efficiency, and the Program must further refine the processes that each council would use to certify analysis and implementation of water use efficiency measures. (#'s 4 & 5 on 6/2 Matrix, #8 on 7/2 Matrix)		✓				✓	Refinement of CUWCC certification process, refinement of assurances for agricultural water use efficiency through focus group (and expert panel?)	Craddock, Smith/DWR Spezia, Slavin, Prillwitz/USBR Shaffer/CDFA
11.	There is disagreement about whether the Program should use measurement of water deliveries and volumetric pricing as prerequisites to receiving new or transferred water made available through CALFED. (#6 on 6/2 Matrix, #9 on 7/2 Matrix)	✓				✓		Policy Group directed that this proposal be included in the EIS/EIR for comment. Future action will depend on comments received. Rick Soehren will take comments to policy group as soon as they are identified.	
12.	Some stakeholders want an assurance of strong CALFED support for programs to provide assistance with planning, financing, and implementation of local water use efficiency measures, but the agencies have yet to build such costs into their budgets. (slightly reworded) (#7 on 6/2 Matrix, #10 on 7/2 Matrix)	✓				✓		Develop implementation plan for CALFED assistance.	Spezia, Kasower, Braver/USBR Craddock, Tatayon/DWR Shaffer/CDFA Backlund/NRCS Yoshikawa/EPA

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13.	Should the Program conduct water balance studies to determine the potential for water made available from agricultural and urban water use efficiency measures? (#8 on 6/2 Matrix, #4 on 7/2 Matrix)								Tabled.